

MODIFIED COPOLYESTERS AND IMPROVED MULTILAYER REFLECTIVE FILMS

Abstract of the Disclosure

A multilayered polymer film includes a first set of optical layers and a second set of optical layers. The first set of optical layers is made from a polyester which is often birefringent. The polyesters of the first set of optical layers typically have a composition in which 70-100 mol% of the carboxylate subunits are first carboxylate subunits and 0-30 mol% are comonomer carboxylate subunits and 70 to 100 mol% of the glycol subunits are first glycol subunits and 0 to 30 mol% of the glycol subunits are comonomer glycol subunits, where at least 0.5 mol% of the combined carboxylate and glycol subunits are comonomer carboxylate or comonomer glycol subunits. The multilayered polymer film may be used to form, for example, a reflective polarizer or a mirror.